

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 9 (Cancelled)

10. (New) A sensor plug head for connection to a sensor, the sensor having at least one output for issuing a measurement signal, and a liquid container, which is fillable with a reference or calibration liquid, said sensor plug head including:

at least one input for receiving a potential-dependent signal; and
a supply connection element for connecting to the liquid container.

11. (New) The sensor plug head as claimed in claim 10, wherein:

the sensor is a potentiometric sensor with an output for issuing a potential-dependent signal; and
the liquid container is a reference container.

12. (New) The sensor plug head as claimed in claim 10, wherein:

said supply connection element includes a first connection element;
the sensor includes a second connection element; and
said first connection element is complementary to said second connection element.

13. (New) The sensor plug head as claimed in claim 12, wherein:

said first connection element includes an electrolyte line and said second connection element includes an opening; and
said electrolyte line is connectable to said opening, for supplying the reference container with electrolyte.

14. (New) The sensor plug head as claimed in claim 10, wherein:
said at least one output and said at least one input include galvanic contacts.

15. (New) The sensor plug head as claimed in claim 10, wherein:
said at least one output and said at least one input each include an inductive
interface.

16. (New) The sensor plug head as claimed in claim 10, wherein:
said potentiometric sensor is a pH-sensor or a redox sensor.

17. (New) The sensor plug head as claimed in claim 10, wherein:
said potentiometric sensor includes an ion-sensitive field-effect transistor.

18. (New) A sensor arrangement, comprising:
a sensor having at least one output for issuing at least one signal, wherein:
said sensor has a liquid container, which is fillable with a reference or calibration
liquid, and a sensor plug head having at least one input for receiving a potential-
dependent signal, and a supply connection element for connecting to the liquid
container.